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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/513,116	02/25/2000	Eric Mao		6642

Eric Mao  
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Taipei,  
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7590

05/15/2002

EXAMINER
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SHIPSIDES, GEOFFREY P

ART UNIT	PAPER NUMBER
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1732

DATE MAILED: 05/15/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/513,116

Applicant(s)

MAO, ERIC

Examiner

Geoffrey P. Shippides

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 26 March 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 4 is/are rejected.
- 7) ☒ Claim(s) 4 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

**DETAILED ACTION****Specification**

1. 35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification is replete with terms and phrases, which are not clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph. Examples of some unclear or inexact terms and phrases used in the specification are: On line 16 of page 1 of the specification, the word "ejection" is misspelled and should be replaced with --injection--. On line 11 of page 2, the phrase "when melt" is grammatically awkward and should be replaced with --when melted-- and the word "ejection" is again misspelled and should be replaced with --injection--. On line 14 of page 2 of the specification, the word "ejection" is again misspelled and should be replaced with --injection--. The specification has not been checked to the extent necessary to determine the presence of all possible errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

***Response to Amendment***

2. The amendment filed 3-26-02 is objected to under 35 U.S.C. 132 because it introduces new matter into the disclosure. 35 U.S.C. 132 states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows: the added material of "by any suitable known means" added to line 8 of page 2 of the instant specification is not supported by the original disclosure.

Applicant is required to cancel the new matter in the reply to this Office Action.

***Claim Objections***

3. Claim 4 is objected to because of the following informalities: a word is missing between the words "cure" and "texture" on lines 3 and 4 of claim 4; the word "ejection" on line 15 of claim 4 should be replaced with --injection--. Appropriate correction is required.

***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claim 4 is rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Lines 3-4 of claim 1 teach the "thermal pressing a combination end of the ribbon stripe to cure texture of the ribbon stripe and increase the gaps of the texture". The specification, on lines 6-8 of page 2, teaches the step of "thermal pressing a combination end of the ribbon stripe to cure the texture of the ribbon stripe and increase the gaps of the texture," but the specification does not teach the placements of these gaps or how they are increased. The applicant is advised to respond to this office action with a detailed description of how the gaps are placed and how they are increased. Is there an increase in the number of gaps? In what manner are the gaps increased? The insertion of "by any known means" into the specification

Make separate  
Rejection  
(Not Enablement issues)

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constitutes new matter as discussed above. The applicant is reminded to avoid the insertion of new matter into the disclosure or claim language, but the applicant must explain to the examiner in detail how the claimed process is preformed with special regard to how the gaps of the texture are increased.

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claim 4 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 4 recites the limitation "texture" in line 4. There is insufficient antecedent basis for this limitation in the claim. Claim 4 recites the limitation "gaps" in lines 4. This is confusing as it is not clear that "a soft ribbon stripe" will inherently have texture with gaps. The applicant is advised to amend the claims to recite initially that the ribbon stripe has a texture and that the texture has gaps.

***Allowable Subject Matter***

8. Claim 4 would be allowable if rewritten or amended to overcome the informalities and rejections under 35 U.S.C. 112, first paragraph and second paragraph, set forth in this Office action.

***Response to Arguments***

9. Applicant's arguments filed 3-26-02 have been fully considered but they are not persuasive.

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The applicant partially revised the specification, however, many spelling and grammatical mistakes remain. The applicant should again revise the specification, but be careful to not add new matter.

With regard to the applicant's traverse of the rejection under 35 U.S.C. 112, first paragraph that the placement of these gaps can be achieved by any suitable known means, the examiner contends that these means are not well known in the art and must be taught by the applicant. Further, the applicant should give examples of how the gaps are achieved in the response to this Office action. Further the applicant should explain how the gaps are increased. The applicant might also submit documents in this technology that explain how gaps are increased in the prior art known means.

With regard to the applicant's request for the examiner to draft claim language, it does not presently appear possible to draft claim language that would be enabled by the original disclosure and still remain patentable.

### ***Conclusion***

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

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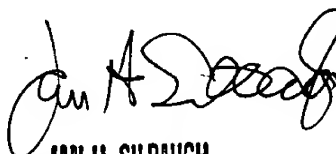
shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Geoffrey P. Shipsides whose telephone number is 703-306-0311. The examiner can normally be reached on Monday - Friday 9 AM till 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jan H Silbaugh can be reached on 703-308-3829. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

Geoffrey P. Shipsides/gps  
May 10, 2002

  
JAN H. SILBAUGH  
SUPERVISORY PATENT EXAMINER  
ART UNIT ~~1732~~ 1792  
05/15/02